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/	: <sup>2</sup>			Application Number	09/225,687
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STE	<b>PENENT</b>	BÝ A	PPLICANT	First Named Inventor	Mills
				Group Art Unit	1745
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Sheet	1	of	<i>30</i>	Attorney Docket Number	

			U.	S. PATENT DOCUM	IENTS	
Examiner Initials*	Cite No. 1	No. 1		Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant
		Number	Kind Code <sup>w</sup> (if known)		MM-DD-YYYY	Passages or Relevant Figures Appear
/SK/		3,462,622		Cann et al.	08-1969	
		4,000,036		Ensley	12-1976	
		4,095,118		Rathbun	06-1978	
		4,149,931		Christensen	04-1979	
		4,202,004		Anderson	05-1980	
		4,327,071		Chiu	04-27-1982	
		4,464,990		Bendler	08-14-1984	
		4,488,490	,	Betts	12-18-1984	
		4,694,755		Ibarra	10-22-1987	
		4,792,725		Levy et al.	12-1988	
		4,957,727		Bogdanovic	09-18-1990	
		5,273,635		Gernert	12-28-1993	
		5,449,434		Hooke et al.	09-1995	
		5,577,090		Moses	11-1996	
		5,593,640		Long, et al.	01-14-1997	
		5,669,975		Ashtiani	09-1997	
		5,761,481		Kadoch et al.	06-1998	
V		5,789,744		Spence, et al.	08-04-1998	
/SK/		5,801,971		Ohta	09-1998	

Examiner Signature	/Stephen Kalafut/	Date Considered	12/05/2007

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3) <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.



Substitute for	form 1449A/PTO			Complete if Known		
				Application Number	09/225,687	
INFO	RMATION	DIS	CLOSURE	Filing Date	01/06/1999	
			PPLICANT	First Named Inventor	Mills	
		•		Group Art Unit	1745	
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Sheet	2	of	30	Attorney Docket Number		

Examiner	Cite	U.S. Patent Document	U.S. PATENT DOCUM	Date of Publication of	Pages, Columns, Lines, Where
Initials*	No. 1	Kind Code Number (if known	of Cited Document	Cited Document MM-DD-YYYY	Relevant Passages or Relevant Figures Appear
/SK/		5,819,073	Nakamura	10-1998	•
		5,838,760	Moses	11-1998	
		5,864,322	Pollon et al.	01-1999	
		5,883,005	Minton et al.	03-1999	
		5,888,414	Collins et al.	03-1999	
		5,969,470	Druz et al.	10-1999	
		6,024,935	Mills, et al.	02-15-2000	
		6,064,154	Crouch et al.	05-2000	
		6,149,829	Takamatsu et al.	11-2000	
		6,150,755	Druz et al.	11-2000	
		6,151,532	Barone et al.	11-2000	
		6,444,137	Collins et al.	09-2002	
		6,551,939	Takamatsu et al.	04-2003	
		6,579,465	Takamatsu et al.	06-2003	
		6,690,705	Maksimov et al.	02-2004	•
		7,188,033	Mills	03-06-2007	
		2001/0007725	Faris et al.	07-2001	
V		2001/0008803	Takamatsu et al.	07-2001	
/SK/		2002/0133326	Chung et al.	09-2002	

Examiner Signature	/Stephen Kalafut/	Date Considered	12/05/2007	l
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3) <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>3</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute	for form 1449A/PTO	. "		Complete if Known		
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				F	OREI	GN PATENT DOCL	JMENTS		
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/SK	V		wo .	99/05735	A1	Mills	03-04-1999		<u> </u>
	İ		wo	99/26078	A1	Mills	5-27-1999		
			wo	99/34322	A1	Mills	7-8-1999		
			wo	99/35698	А3	Mills	07-15-1999		
			wo	00/07931	A1	Mills	02-17-2000		
			wo	00/07932	A2	Mills	2-17-2000		
			wo	00/25320	A1	Davies	05-04-2000		
			wo	01/095944	A2	Mills	12-20-2001		
			wo	01/18948	A1	Mills	3-15-2001		
			wo	01/21300	A2	Mills	03-29-2001		
			wo	01/22472	A2	Mills	3-29-2001		
V	/		wo	01/70627	АЗ	Mills	08-27-2001		
/SK	V		wo	02/08787	A2	De Geus	01-31-2002		

Examiner /Stephen Kalafut/ Date Considered	12/05/2007
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	FOREIGN PATENT DOCUMENTS											
Examiner Initials*		Ci te N	Fo Office <sup>8</sup>	oreign Patent Document  Kind C  Number <sup>4</sup> (if know	ode <sup>6</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
		ę.	Onice	Humber (ii kilo)	w11)			rigules Appeal	T <sup>6</sup>			
/S	K/		wo	02/087291	A2	Mills	10-31-2002					
			wo	02/088020	A2	Mills	11-7-2002					
			wo	02/16956	A1	Mills	2-28-2002					
			wo	03/093173	A2	Mills	11-13-2003					
			wo	03/066516	A2	Mills	8-14-2003					
			wo	04/092058	A2	Mills	10-28-2004					
			wo	05/041368	A2	Mills	10-6-2005					
		Г	wo	05/067678	A2	Mills	7-28-2005					
			wo	2005/116630	A1	Mills	12-08-2005					
			wo	2007/051078	A1	Mills	05-03-2007	,				
			wo	2007/053486	A1	Mills	05-10-2007					
1	/		GB	2 343 291		Lloyd Wise, Tregear &	05-13-2000					
/S	K/		JP	2002008892A		Shimazu	01-2002					

Examiner Signature	/Stephen Kalafut/	Date Considered	12/05/2007
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Substitute for form 1449B/PTO				Complete if Known		
ODDSINGR	5101101111111443051110			Application Number	09/225,687	
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	TATEMENT			First Named Inventor	Mills	
				Group Art Unit	1745	
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Sheet	5	of	70	Attorney Docket Number		

		OTHER PRIOR ART - NON PATI	ENT LITERA	TURE DOCUMENTS				
Examine r Initials*	Cite No. 1	Include name of the author (in CAPITAL LET item (book, magazine, journal, serial, symposiu publisher, city and		ate, page(s), volume-issue number(s),	T <sup>2</sup>			
/SK/		S. Aaronson, "Hydrino Theory: Which Overturns Quantum Theory, Is in Turn Overturned by Doofusino Theory," <a href="http://www.scottaaronson.com/writings/doofusino.html">http://www.scottaaronson.com/writings/doofusino.html</a> (no date)						
/SK/		"Atomic Physics Progress Report 1995-1996" (internet page) atompc2.fysik.lth.se/AFDOCS/Progrep956/contents.asp (author and date unknown)						
/SK/		"Atomic Spectroscopy" (internet page) p (author and date unknown)	hysics.nist.go	ov/Pubs/AtSpec/node20.html				
/SK/		Baard, Erik. "The Empire Strikes Back."	The Village	Voice, April 26-May 2, 2000				
/SK/		Baard, Erik. "Quantum Leap." The Villag	ge Voice, Dec	: 22-28, 1999.				
/SK/		Baard, Erik. "Researcher Claims Power Jones Newswires, Oct 6, 1999.	Tech That D	efies Quantum Theory." Dow				
/SK/		Baard, Erik, "Hydrino Theorist Gets Nod From NASA-Funded Investigation Eureka?", The Village Voice, Dec. 6, 2002						
/SK/		Barmann et. al. "Spatially and Temporally Resolved Studies of the Electron Density in Liquid Streamers by Emission Spectroscopy" (Internet page) atompc2.fysic.lth.se/AFDOCS/Progrep956/5al.htm (Atomic Physics Progress Report) (Oct 1997)						
/SK/		R. W. Bass, "Email from Bob Bass to R	andell Mills,"	August 6, 2000.				
/SK/ "The Biggest Venture Capital Conference of the Year is Quickly Approaching," Special to Evening Bullitin 09/29/2006, <a href="http://www.theeveningbulletin.com/site/news.cfm?newsid=17263371&amp;BRD=2737&amp;PAG=461&amp;dept_id=57636&amp;rfi=6">http://www.theeveningbulletin.com/site/news.cfm?newsid=17263371&amp;BRD=2737&amp;PAG=461&amp;dept_id=57636&amp;rfi=6&gt;</a>								
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		OTHER PRIOR ART — NON PAT	ENT LITERA	TURE DOCUMENTS			
Examine r Initials*	Cite No. 1	Include name of the author (in CAPITAL LET item (book, magazine, journal, serial, symposic publisher, city and		ate, page(s), volume-issue number(s),	T <sup>2</sup>		
/SK/		Bjorken et al., ""Relativistische Quanter 1964 (no r	nmechanik", <i>E</i>	Die Dirac-Gleichung, pp. 22-25,	-		
/SK/		"Blacklight Power - do they have somet www.phact.org/e/blp.htm (author and do		nt?" (internet page)			
/SK/		Blacklight Power, Inc., "Second Shareh <a href="http://web.archive.org/web/199802121">http://web.archive.org/web/199802121</a>	older Newslet 41859/blackli	ter '97" ghtpower.com/sharenews2.html> (Oct 1997)			
/SK/		Blochinzew, Grundlagen Der Quantenn Wissenschaften, 1967 (no mo					
/SK/		Brewer, Shelby T. Book review of "The grand Unified Theory of Classical Quantum Mechanics (Hardcover) by Randell L., Dr. Mills." (internet page) http://www.amazon.com/qp/product/product-description/0963517139/ref=dp_proddesc_0/103-5711659-8507030_(date_unknown)					
		Carolina, et al. "Effect of Dielectric Control on the Product Distribution of the Oligon Plasmas." J. Phys. Chem., Vol 100, 19	<del>nerization of l</del>	Methane via Microwave	no. 2	1)	
		Chemistry Course Listings in MIT Open http://ocw.mit.edu/Ocw/Web/Chemistry.		MIT 2005.			
		"The Chemistry of Halogens,"  http://chemed.chem.purdue.edu/genche	əm/topicrevie	w/bp/sh10/group7.html			
/SK/		CiteSeer, "Citations: Observation of Ext Incandescently Heated Hydrogen Gas of Optically Measured Power Balance," Inches of the Comptext/17	(no	montl			
		Colline, "Selling the Free Lunch," Scient	tifie American	<del>, (Nev, 2002)</del>			
Examiner Signature		/Stephen Kalafut/	Date Considered	12/05/2007	J		

					T TOTOLIOU (MOUMO	
Substitute for form 1449B/PTO				Complete if Known		
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			APPLICANT	First Named Inventor	Mills	
				Group Art Unit	1745	
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Sheet	7	of	30	Attorney Docket Number		

		OTHER PRIOR ART — NON PAT	ENT LITERA	TURE DOCUMENTS				
Examine r Initials*	Cite No. '	Include name of the author (in CAPITAL LET item (book, magazine, journal, serial, symposiu publisher, city and		ate, page(s), volume-issue number(s),	T <sup>2</sup>			
/SK/		Conrads, et. al. "Emission in the Deep Vacuum Ultraviolet from an Incandescently Driven Plasma in a Potassium Carbonate Cell", <i>Plasma Sources Science and</i> Technology, submitted. (no month)						
/SK/		Conversion Table cgs/Si-Units. www.pl	asmaphysics	.org.uk/convers.htm				
/SK/		Dennis "Hidden Variables and Relativist www.objectivescience.com/articles/ed_t						
/SK/		Directory: Blacklight Power, From PESV <a href="http://peswiki.com/index.php/Directory">http://peswiki.com/index.php/Directory</a>						
		Dufour, et. al. "Interaction of Palladium/ Measure the Excess Energy Per Atom f March 1997, pp. 198-209.						
/SK/		Durr, et. al. "Origin of quantum-mechan experiment in an atom interferometer." a						
		Evans Analytical Group, http://www.cca.	.com/tech.htm	n#esca1				
/SK/		EVANS Analytical Group. Product Descriptions: Time-of-Flight Secondary Mass Spectrometry (TOF-SIMS) and X-Ray Photoelectron Spectroscopy (XPS) Electron Spectroscopy for Chemical Anaylsis (ESCA). (no date or author listed)						
		Dr. Ecc, "History and Philosophy of Scio	nee," <u>www.d</u>	runy odu/oss/philssi/bell.html				
		(cited on paper no. 20050207)						
		E-mail to Examiner Wayner from Jeffre	y A. Simenau	er, dated				
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Substitute for form 1449B/PTO				Complete if Known		
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			APPLICANT	First Named Inventor	Mills	
				Group Art Unit	1745	
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Sheet	8	of	90	Attorney Docket Number		

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS				
Examine r initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>			
/SK/		Fan et al., "X-ray photoelectron spectroscopy studies of CVD diamond films", Surface and Interface Analysis, 34:703-707, 2002 (no month)				
/SK/		Fischer. "Die optische Absorption der U <sub>2</sub> -Zentren in Alkalihalogenidkristallen", Zeitschrift für Physik, Vol 131, 1952, pp. 488-504. (no month)	-			
/SK/		M. Fowler, "The Lorentz Transformation," UVa Physics 252, <a href="http://galileo.phys.virginia.edu/classes/252/lorentztrans.html">http://galileo.phys.virginia.edu/classes/252/lorentztrans.html</a> (no date)				
/SK/	-	Fuchs and Peres. "Quantum Theory Needs No 'Interpretation'." <i>Physics Today</i> , March 2000, p. 70.				
/SK/		Gottfried, "Quantum electrodynamics: Matter all in the mind", (internet page) www.nature.com/cgi-taf/DynaPage.te/journal/v419/n6903/full/419117a_r.html, 2002 (no month)				
/SK/		Gulyaev "Gigantic Atoms in Space" (internet page) www.astronomy.org.nz/events/monthreviews/2001/gigantic_atoms_in_space.htm (date unknown)				
		Hansen, et. al. "Faradaic efficiencies less than 100% during electrolysis of water can account for excess heat in 'cold fusion' cells," J. of Physical Chem., Vol. 99, No. 18 (1997) pp. 6973-6979 (Paper I).				
/SK/		The Harvard Crimson News: Academics Question the Science Behind Blacklight Power, Inc." <a href="http://www.the.crimson.com/printerfriendly.aspx?ref=100939">http://www.the.crimson.com/printerfriendly.aspx?ref=100939</a> (Oct 2007)				
		He II in Solar Speetrum				
/SK/		Hines, "Scientific Mistakes: N-rays and Polywater", Pseudoscience and the Paranormal, Prometheus Books, 1988, pp. 8-13  (no month)				
Examiner Signature		/Stephen Kalafut/ Date Considered 12/05/2007	· <u> </u>			

Substitute	e for form 1449B/PTO			Complete if Known		
Substitute	3101101111111440011110			Application Number	09/225,687	
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	· -	OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS						
Examine r initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²					
		http://emm.hut.fi/eptice/l_e/2004/luennet/epestrescopy.pdf						
		http://hyperphisics.phy-ast.gsu.edu/hbase/kinetic/melke.htm						
/SK/		"Hydrino Theory," <a href="http://en.wikipedia.org/wiki/hydrino_theory">http://en.wikipedia.org/wiki/hydrino_theory</a> (no date)	<del></del>					
/SK/		"The Hydrogen Atom," <a href="http://www.physics.nmt.edu/~raymond/classes/ph13xbook/node208.html">http://www.physics.nmt.edu/~raymond/classes/ph13xbook/node208.html&gt;</a>						
/SK/		Hydrogen News 1999 <a href="http://www.ch2bc.org/bulletin/bulletin19991112.htm">http://www.ch2bc.org/bulletin/bulletin19991112.htm</a> (Nov 1999)						
/SK/		INRS-Energie at Materiaux XPS facility, <a href="http://goliath.inrs-ener.uquebec.ca/tour/">http://goliath.inrs-ener.uquebec.ca/tour/</a> (no date)						
/SK/	,	Johansson, et. al. "A Model for the origin of the anomalous and very bright UV lines of FE II in gaseous condensations of the star η Carinae" Astronomy & Astrophysics. Volume 378 (2001) pp.266-278. (no month)						
/SK/		Judge, "SHE-2 Latest Solar EUV Measurements"(internet page) www.usc.edu/dept/space_science/seh2data.htm, August 18, 1997						
		Karplus and Porter. Atoms and Molecules: An Introduction for Students of Physical Chemistry, The Benjamin/Gummings Publishing Company, Menlo Park, California, 1970, p. 567.						
		Keefer, Ph.D., "Interim Report on BlackLight Power Technology: Its Apparent Scientific Basis; State of Bevelopment and Suitability for Commercialization by Liebert Corporation." (cited in paper no. 21)						
Examiner Signature		/Stephen Kalafut/ Date Considered 12/05/2007						

Substitute for form 1449B/PTO				Complete if Known		
Jubstidie	B 101 101111 14435/1			Application Number	09/225,687	
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		OTHER PRIOR ART — NON PATI	ENILITERA	TORE DOCOMENTS			
Examine r Initials*	Cite No. 1	Include name of the author (in CAPITAL LET item (book, magazine, journal, serial, symposiu publisher, city and		ate, page(s), volume-issue number(s),	T <sup>2</sup>		
		Kuhn, H.S. "Atomic Spectra." Academ	ic Press: Nev	v York: 1902. pp. 114-117.			
		http://omm.hut.fi/optics/l-o/2004/luenno	Vapectroscop	v.pdf			
		http://hyperphysics.phy-astr.gsu.edu/hbi	ase/kinetic/m	olke.html			
		F. Lalse, "De we really understand quer (June 2001), pp. 655-701.	ntum meehan	iss?" Am. J. Phys., vol. 69(6),			
/SK/		Mayo, et. al. "On the Potential of Direct and MHD Conversion of Power from a Novel Plasma Source to Electricity for Micro distributed Power Applications", IEEE Transactions on Plasma Science, submitted.  (no date)					
		NICT's Physical Reference Datasheet, <url http:="" physics.nist.gov="" physrefda<="" td=""><td>Energy Level ta/HDEL/inde</td><td>ls of Hydrogen and Deuterium," ex.html&gt;</td><td></td></url>	Energy Level ta/HDEL/inde	ls of Hydrogen and Deuterium," ex.html>			
/SK/		Odenthal et al., "The Zeeman Splitting of a Turnable Dye Laser", <i>Physica</i> , pp. 203		Helium Line Studied by Means of (no month)			
/SK/		Park, Robert L. "Perpetual Motion: Still (2000, pg H03.	Going Around	I." Washington Post, January 12,			
***************************************		Park, "Patent Nensense, Court Denice ( September 6, 2002, available at www.a					
/SK/		Park, What's New, Friday 03/17/2006					
Examiner Signature		/Stephen Kalafut/	Date Considered	12/05/2007	<u> </u>		

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		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
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/SK/		Park, What's New, Friday 01/13/2006					
/SK/		Park, What's New, Friday 04/26/1991					
		Plasmaphysics.org. Conversion Table: ege/SI units. (internet page) www.plasmaphysics.org.uk/convers.htm. (no author or date listed) (also cited on page 7)					
		Platt, Charles: "Teeting the Current:" Washington Post: June 25, 2000, pg X05.					
		(cited in paper no. 20041105)					
		Physics 200 04 source, "Pauli Spin Matrices," http://axion.physics.ubc.sa/200 04/pauli-spin.pdf (cited in paper no. 20050207)					
	,	Physics Web 08/05/2005, "Hydrogen results causes controversy"					
/SK/		Popov. "Electrochemical Characterization of BlackLight Power, Inc. MH as Electrodes for Li-ion Batteries." Department of Chemical Engineering University of South Carolina, Feb 2000.					
/SK/		Powell et al. Quantum Mechanics, Addison-Weskey Publishing Co., Inc., pp. 205-229 and 478-482, 1961 (no month)					
/SK/		Real Climate, 20 January 2005, "Peer Review: A Necessary But Not Sufficient Condition," <a href="http://www.realclimate.org/index.php?p=109">http://www.realclimate.org/index.php?p=109</a> >					
		Recenblum, "Celebrating Y2K Gould Prevent Panic, Eace Transition." Re: (ice /)	<u> </u>				
		Institute for Social Ecology Newsletter, Dec. 22, 1998.					
Examiner Signature		/Stephen Kalafut/ Date Considered 12/05/2007	<u>I.</u>				

Substitute	e for form 1449B/	PTO		Complete If Known			
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		Re: (ise-I) Institute for Social Ecology Newsletter, Feb 2, 1998.					
/SK/		Rothwell. "Italy-Cold Fusion & Judge's Verdict." NEN, Vol 4, No 1, March 26, 1996, available at www.padrak.com/ine/CFLIBEL.html, pp. 9-11.					
/SK/		Shermer, "Baloney Detection", Scientific American, November 2001					
-		Souw, Bernard, "Coherent Telescope array with self-homodyne interfermetric detection for optical communications," Opt. Eng. 42(11) 3139-3157 (Nov. 2003).					
/SK/		Souw et al., "Calculation of the Combined Zeeman and translational Stark Effect on the Hα-Multiplet", <i>Physica</i> , pp. 353-374, 1983. (no month)					
		E-K Souw, Ph.D. Thesis 1981, University of Dusseldorf, Germany, titled "Investigations of Transport Phenomena in the Wall Region of a Helium Plasma by Means of Spectroscopic Methods."					
		E.K. Souw et al., "The Zeeman Splitting of the 5876 A.He Line Studied by means of a Tunable Dye Laser," Physica 113c (1982) pp. 203-216.					
		E.K. Souw, "Anomalous Breadening and Splitting of Hel and Arl lines in microwave plasmas," unpublished data, 12/01/2003.					
/SK/	<u>.</u>	"Stellar Spectra and the Secrets of Starlight" (Internet Pages) www.kingusa.ab.ca/~brian/asto/course/lectures/fall/a200110g.htm (date and author unknown)					
/SK/		Thorne, et. al. "Recombination during the Electrolysis of Light Water in 0.6 M K <sub>2</sub> CO <sub>3</sub> Can It Account for the Reports of Excess Heat?" Departments of Physics and Chemistry, Brigham Young University, June 1993.					
Examiner Signature		/Stephen Kalafut/ Date Considered 12/05/2007	·				

Substitute	for form 1449B/PTO			Complete if Known			
COOSTITUTE	101101111111111111111111111111111111111			Application Number	09/225,687		
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/SK/		Time 2 wake up: "New Power SOURCE	E that turns ph	ysics on its head," 11/09/2005.		
/SK/		Turner. "Declaration of Dr. Gary L. Tur	ner." 24 Augı	ust 2004.		
		U.S. Department of Commerce, Summ	ary of Ethics I	Rules, USPTO, 2000, October	<del> </del>	
		Welcome to MIT's OpenGourseWare I http://oxw.mit.edu/index.html	lome PageN	M <del>T-2005.</del>		
/SK/		Weisskopf, V.F. "Recent developments in the theory of the electron." Reviews of Modern Physics, Vol 21, No 2, 1949, pp. 305-315.  (Apr 1949)				
/SK/		Wikipedia, Chapter 9: "Peer Review and <a href="http://en.wikipedia.org/wiki/peer_review">http://en.wikipedia.org/wiki/peer_review</a>		w_and_fraud> (no date)		
/SK/		"XPS (EASC) –SAM," http://www.noveonic.com/measuremen	tscience/analy			
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/SK/		116. K. Akhtar, J. Scharer, R. L. Mills, "Substantial Doppler Broadening of Atomic Hydrogen Lines in DC and Capactively Coupled RF Plasmas," IEEE Transactions on Plasma Science, submitted. (Internet Publication Date: June 6, 2006.)						
/SK/		115. R.L. Mills, H. Zea, J. He, B. Dhandapa of Atomic Hydrogen," International Journal Date: May 12, 2006)						
		114. R.L. Mills, K. Akhtar, B. Dhandapani, " the Extraordinary Selective II Balmor a Bro Plasma Phys., submitted. (Internet Publica	adening in Ocr	tain Hydrogen Mixed Plasmas," J.				
113. R.L. Mills, "Physical Solutions of the Nature of the Atom, Photon, and Their Interaction Excited and Predicted Hydrino States," Physics Essay, in press (Internet Public Date: June 9, 2005.)								
••••		112. R. L. Mills, J. He, Y. Lu, Z, M. Nanstee Identification and Petential Applications of F Vol. 32, (2007), 2988–3009. (Internet Publi	Now States of I	lydrogen," Int. J. I lydrogen Energy,				
		111. R. L. Mills, J. He, Z, Chang, W. Good,	Y. Lu, B. Dhan	ndapani, "Catalysis of Atomic				
		Hydrogen to Nevel Hydrogen Species H'(1/4) and H <sub>2</sub> (1/4) as a New Pewer Source," International Journal of Hydrogen Energy, Vol. 32(13), (2007), pp. 2573–2584. (Internet Publication Date: May 6, 2005.)						
		110. R. L. Mills, J. He, Z, Chang, W. Good, Y. Lu, B. Dhandapani, "Catalysis of Atomic Hydrogen to Novel Hydrides as a New Power Source," Prepr. Pap.—Am. Chem. Soc., Div. Fuel Chem. 2005, 50(2). (Internet Publication Date: April 22, 2005.)						
		109. R. L. Mills, M. Nansteel, J. He, B. Dhandapani, "Low-Voltage EUV and Visible Light Source Due to Catalycis of Atemic Hydrogen," J. Plasma Physics, submitted. (Internet Publication Date: April 15, 2005.)						
Examiner Signature		/Stephen Kalafut/	Date Considered	12/05/2007				

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		108. R. L. Mills, J. He, M. Nansteel, B. Dhai	<del>ional Journal o</del>	f Olobal Energy Issues (IJOEI).	`			
		Special Edition in Energy Systems, in press	s. (Internet Pub	olication Date: April 4, 2005.)	ļ			
		107: R. L. Mills, "Maxwell's Equations and C Essays, in press. (Internet Publication Date						
		106. R. L. Mills, "Exact Classical Quantum I Predicts Conjugate Parameters from a Unic submitted. (Internet Publication Date: Octo	<del>que Colution for</del>		_			
		105. J. Phillips, C. K. Chen, R. L. Mills, "Evidence of Catalytic Production of Hot Hydrogen in RF-Generated Hydrogen/Argon Plasmas," International Journal of Hydrogen Energy, Vol. 32, (2007), 3010–3025. (Internet Publication Date: September 7, 2004.)						
	•	104. R. L. Mills, Y. Lu, M. Nansteel, J. He, A						
		Chemistry, Session: Advances in Hydrogen National Meeting, August 22–26, 2004, Phil	Energy, 228th					
•		103. R. L. Mills, Dhandapani, W. Good, J. H						
		Electrolycic Gases," Shemical Engineering April 28, 2004.)	<del>Colondo, aubm</del>	itted: (Internet Publication Bate:				
		102. R. L. Mills, "Exact Classical Quantum I Electron Atoms," Phys. Essays, Vol. 18, No April 22, 2004.)						
		101. Mills et al. "Energetic Catalyst-Hydrog Source," Division of Fuel Chemistry, Session	en Plasma Rea	action as a Potential New Energy				
		227th American Chemical Society National						
Examiner Signature		/Stephen Kalafut/	Date Considered	12/05/2007				

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		100. Mills et al., "Highly Stable Amorphous Materials Ghemistry and Physics, 94/2 3, (2) 17, 2003.)	Silicon Hydride 1905), pp. 208	e from a Helium Plasma Reaction,* 307. (Internet Publication Date: Nov.					
/SK/		99. Mills et al., "Spectral Identification of H2(1/2)," submitted.  (no date)							
		98. R. L. Mills, Y. Lu, J. He, M. Nansteel, P. Ray, X. Chen, A. Voigt, B. Dhandapani, "Spectral Identification of New States of Hydrogen," New Journal of Chemistry, submitted. (Internet Publication Date: Nov. 18, 2003.)							
		97. Mills et al., "Evidence of an Energy Transfer Reaction Between Atomic Hydrogen and Argen II or Helium II as the Source of Excessively Hot H Atoms in RF Plasmas," Journal of Plasma Physics, Vol. 72, Issue 4, (2006), pp. 469-484. (Internet Publication Date: Sept. 26,							
		96. Mills et al., "Evidence of the Production of Hot Hydrogen Atoms in RF Plasmas by Gatalytic Reactions Between Hydrogen and Oxygen Species," J. Plasma Phys., submitted. (Internet Publication Date: Sept. 12, 2003.)							
		95. Mills et al., "Excessive Balmer α Line Broadening of Water-Vapor Capacitively-Coupled RF Discharge Plasmas," IEEE Transactions on Plasma Science, submitted. (Internet Publication Date: Aug. 18, 2003.)							
		94. Mills, "The Nature of the Chemical Bond Revisited and an Alternative Maxwellian Appreach," Physics Essays, Vol. 17, (2004), pp. 342-389. (Internet Publication Date: Aug. 6, 2003.)							
		93. Mills et al., "Energetis Cetalyet Hydrogen," Doklady Chemisty, submitted.	on Placma Rea	otion Formo a Now State of					
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		92. Mills et al., "Energetic Catalyst-Hydrog Source," Central European Journal of Phys 2003.)								
/SK/		91. R. Mills, P. Ray, "New H I Laser Med Hydrogen and Certain Group I Catalysts," J								
		90. Mills et al., "Characterization of Energetic Catalyst-Hydrogen Plasma Reaction as a Petential New Energy Source," Am. Ohem. God. Div. Fuel Chem. Prepr., Vol. 48, No. 2, (2003).								
		89. Mills et al., "Hydrogen Plasmas Generated Using Certain Group I Catalysts Show Otationary Inverted Lyman Populations and Free Free and Bound Free Emission of Lower Energy State Hydride," Fizika A, submitted.								
		88. Mills et al., "Role of Atomic Hydrogen Density and Energy in Low Power CVD Synthesis of Diamond Films," Thin Solid Films, 479, (2005), pp. 77-99. (Internet Publication Date: Doc. 22, 2003.)								
		97. Mills et al., "Liquid-Nitrogen-Gondensable Molecular Hydrogen Gas Isolated from a Catalytic Plasma Reaction," J. Phys. Chem. B, submitted.								
		86. Mills et al., "Novel Spectral Series from Helium-Hydrogen Evenson Microwave Cavity Plasmas that Matched Fractional-Principal-Quantum-Energy-Level Atomic and Molecular Hydrogen," European Journal of Physics, submitted. (Internet Publication Date: April 24,								
		*85. Millo et al., "Highly Pumped Inverted Be Physics, submitted.	simer and Lyme	nn Populations," New Journal of						
Examiner Signature		/Stephen Kalafut/	Date Considered ,	12/05/2007						

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		84. Mills et al., "Comparison of Balmer α Li Hydrogen Plasma Sources," Braz. J. Phys., 2003.)	ne Broadening eubmitted. (In	and Power Balances of Helium- ternet Publication Date: March 12,					
		89. Mills et al., "Comparison of Water-Plash Lyman Populations for a CW HI Laser," J. A							
		82. Mills et al., "Synthesis and Characteriza Energetic Argon Hydrogen Plaeme and Med (Internet Publication Date: May 7, 2003.)							
·		81. R. Mills, et. al., "Spectroscopic and NM Quantum Energy States Fermed by an Exo Catalysts," European Physical Journal: App	lhormio Roacti	on of Atomio Hydrogen with Certain					
		80. Mills, "The Fallacy of Feynman's Argun Asserding to Quantum Mechanics," Annals (2005), pp. 129-151. (Internet Publication D	Do La Funda	tion Lauis De Breglie, Vol. 30, No. 2,					
/SK/		79. Mills et al., "Comparison of Catalysts and Microwave Plasma Sources of Vibrational Spectral Emission of Fractional-Rydberg-State Hydrogen Molecular Ion," Canadian Journal of Physics, submitted.  (no date)							
		78. Mills et al., "Vibrational Spectral Emission of Fractional-Principal-Quantum-Energy-Level Molecular Hydrogen", J. of the Physical Society of Japan, submitted. (Internet Publication Date: Sept. 9, 2002.)							
		77. Mills et al., "Water Bath Calorimetric St Plasmas," Journal of Applied Physics, Vol. ( Publication Date: June 16, 2003.)							
Examiner Signature	1 130E00E0 (2020)								

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		76. Mills et al., "Comparison of Catalysts a Emission of Fractional-Principal-Quantum-I								
		Journal of Applied Spectroscopy, submitted								
		75. Mille et al., "Nevel Liquid Nitregen Gen Polonica A, submitted. (Internet Publication								
		74. Mills et al., "Spectroscopic Study of Unique Line Broadening and Inversion in Low Pressure Microwave Generated Water Plasmae," Journal of Plasma Physics, Vol. 71, Part 6, (2005), pp. 877-78. (Internet Publication Date: June 18, 2003.)								
		72. Mille et al., "Energetic Holium Hydrogen Plasma Reaction," AI/A Journal, submitted. (Internet Publication Date: July 26, 2002.)								
-		72: R. L. Mills, M. Nansteel, P. O. Ray, "Bright Hydrogen Light and Pewer Source due to a Resonant Energy Transfer with Strontium and Argon lons," Vacuum, submitted.								
		71. Mills et al., "Power Source Based on Helium-Plasma Gatalysis of Atomic Hydrogen to Fractional Rydberg States," Contributions to Plasma Physics, submitted.								
		70. Mills et al., "Comparison of Catalysts and Plasma Sources of Vibrational Spectral  Emission of Fractional Rydberg-State Hydrogen Molecular Ion," The European Journal of Applied Physics, submitted. (Internet Publication Date: Sept. 2, 2002.)								
		69. Mills et al., "Spectroscopic Characteriza								
		Densities and Carbon Species During Helic Diamond Films," Chemistry of Materials, Vo Date: Dec. 31, 2002.)								
Examiner		/Stephen Kaláfut/	Date Considered	12/05/2007						

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.









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		68. Mills, et. al. "Stationary Inverted Balme Plasma Laser." IEEE Transactions on Plas								
		August 16, 2002)  67. Mills et al., "Extreme Ultraviolet Speck Vol. 36, (2003), pp. 1535–1542. (Internet F	recepty of Helius Publication Date:	m Hydregen Plasma," J. Phys. D, : July 17, 2002.)						
		66. Mills et al., "Spectroscopic Evidence for submitted. (Internet Publication Date: Sept		na Laser," Europhysics Letters,						
		85. Mills et al., "Opodrosespie Evidence for Highly Pumped Balmor and Lyman Populations in a Water-Plasma," J. of Applied Physics, submitted. (Internet Publication Date: Sept. 18, 2002.)								
• • • • • • • • • • • • • • • • • • • •	04. Mills et al., "Low Power MPOVD of Diamond Films on Silicon Substrates," Journal of Vacuum Science & Technology A, submitted. (Internet Publication Date: June 26, 2002.)									
		63. Mills et al., "Plasma Power Source Based on a Catalytic Reaction of Atomic Hydrogen  Measured by Water Bath Calorimetry," Thermochimica Acta, Vol. 406, Issue 1 3, (2003), pp.  35–53. (Internet Publication Date: June 25, 2002.)								
		92. Mills et al., "Synthesis and Spectressepis Identification of Lithium Chlore Hydride," Inorganica Chimica Acta, submitted.								
		61. Mills et al., "Highly Stable Amerphous Cells, Vol. 80, No. 1, (2003), pp. 1–20. (Int								
Examiner Signature		/Stephen Kalafut/	Date Considered	12/05/2007						

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		60. Mills et al., "Synthesis of HDLC Films from Solid Carbon," Journal of Materials Science, Vol. 39, (2004), pp. 3309-3318. (Interpet Publication Date: May 3, 2002.)								
		59. Mills et al., "The Potential for a Hydrogen Water-Plasma baser," Applied Physics Letters, Vol. 82, No. 11 (2003), pp. 1679–1681. (Internet Publication Date: July 11, 2002.)								
		58. Mills, "Classical Quantum Mechanics," Physics Essays, Vol. 16, (2003), op. 433-498. (Internet Publication Date: May 23, 2002.)								
		57. Milks, et. al. "Spectroscopic Obaracterization of Stationary Inverted Lyman Populations and Free-Free and Bound-Free Emission of Lower-Energy State Hydride Ion Formed by a Catalytic Reaction of Atomic Hydrogen and Certain Group I Catalysts, J. of Quantitative Spectroscopy								
		56. R. M. Mayo, R. Mills, "Direct Plasmadynamic Conversion of Plasma Thermal Power to Electricity for Microdistributed Power Applications," 40th Annual Power Sources Conference, Cherry Hill, NJ, June 10-13, (2002), pp. 1-4 (Internet Publication Date: March 28, 2002.)								
		55. Mills et al., "Chemically-Generated Stationary Inverted Lyman Population for a CW HI Laser," European J of Phys. D, submitted. (Internet Publication Date: April 22 2002.)								
	·	54. Mills et al., "Stationary Inverted Lyman Population Formed from Incardescently Heated Hydrogen Gas with Certain Catalysts," J. Phys. D, Applied Physics, Vol. 36, (8003), pp. 1504–1509. (Internet Publication Date: March 20, 2002) also submitted to Chem Phys. Letts.								
		53. Mills A Maxwellian Approach to Quantum Mechanics Explains the Nature of Free Electrons in Superfluid Helium." Braz. J. Phys, submitted. (Internet Publication Date: June 4, 2002)	·							
Examiner Signature		/Stephen Kalafut/ Date Considered 12/05/2007								

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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here is English language Translation is attached.

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				Group Art Unit	1745		
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Sheet	22	of	20	Attorney Docket Number			

		OTHER PRIOR ART - NON PAT	ENT LITERA	TURE DOCUMENTS					
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		52. Mills et al., "Bright Hydrogen-Light Sou Strontium and Argon Ions," New Journal of Publication Date: October, 2002)	rce due to a Re Physics Vol. 4	esonant Energy Transfer with , (2002), pp. 70.1–70.28. (Interpet					
		51. Mills et al., "CW HI Laser Based on a Incandescently Heated Hydrogen Gas with Plasma Science, Vol. 31, No. 2, (2003), pp 2002.)	Certain Group	I Catalysts," IEEE Transactions on					
	50. Mills et al., "Spectral Emission of Fractional-Principal-Quantum-Energy Level Atomic and Molecular Hydrogen," Vibrational Spectroscopy, Vol. 31, No. 2, (2003), pp. 195-213.								
		49. Mils et al., "Comparison of Excessive Capacitively Coupled RF, Microwave, and Catalysts," IEEE Transactions on Plasma	Glow Discharge	Hydrogen Plasmas with Certain					
	•	48. Mills et al., "Direct Plasmadynamic College Transactions on Plasma Science, Oc (Internet Publication Date: March 26, 2002)	tober, (2002), V	sma Thermal Power to Electricity," /ol. 30, No. 5, pp. 2066–2073.					
		47. H. Concads, R. Mills, Th. Wrubel, "Emission in the Desp Vacuum Ultraviolet from a Plasma Formed by Incandescently Heating Hydrogen Gas with Trace amounts of Potassium Carbonate," Plasma Sources Science and Technology, Vol. 12, (2003), pp. 389.							
46. Mills et al., "Erpission in the Deep Vacuum Ultraviolet from a Plasma Formed by Incandescently Heating Hydrogen Gas with Trace Amounts of Potassium Carbonate," Plasma Sources Science and Technology, Vol 12, (2003), pp. 389–895.									
		45. Mills et al., "Synthesis and Characteriz as the Product of a Catalytic Helium Hydro Vol 28, No. 12, (2003), pp. 1401–1424 (In	gen Plasma Re	action," Int. J. Hydrogen Energy,					
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				Group Art Unit	1745	
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		Mills, et. al. "Synthesis and Characterization of Hydrogen Energy, submitted (Internal of Hydrogen Energy)			:				
	43. Mills et al., "Substantial Changes in the Characteristics of a Microwave Plasma Due to Combining Argon and Hydrogen," New Journal of Physics, www.hip.org, Vol. 4 (2002), pp. 22.1–22.17. (Interpet Publication Date: Dec. 27, 2001.)								
	42. Mills et al., "A Comprehensive Study of Spectra of the Bound-Free Hyperfine Levels of Novel Hydride Ion , Hydrogen, Nitrogen, and Air," Int. J. Hydrogen Energy, Vol. 28, No. 8, (2003), pp. 625–871. (Internet Publication Date: Nov. 14, 2001.)								
	41. Milis et al., "Novel Alkali and Alkaline Earth Hydrides for High Voltage and High Emergy Density Batteries," Proceedings of the 17th Annual Battery Conference on Applications and Advances, California State University, Long Beach, CA. (January 15-18, 2002), pp. 1–6.								
		10. Mills et al., "On the Potential of Direct a Plasma Source to Electricity for Microdistrib Plasma Science, August, (2002), Vol. 30, N Nov. 12, 2001.)	ute Power Ap	oplications," IEEE Transactions on					
		39. Mills et al., "Stationary Inverted Lyman Emission of Lower-Energy State Hydride to Atomic Hydrogen and Certain Group I Catal Publication Date: Nov. 13, 2001.)	n Formed by a	n Exothermic Catalytic Reaction of					
		38. Mills et al., "Highly Stable Novel Inorga Plasma Electrolysis," Electrochimica Acta, Neublication Date: June 13, 2082.)	nic Hydrides fro Vol. 47, No. 24	om Agdeous Electrolysis and , (2002), pp. 3909–8926. (Internet					
	37. Mills et al., "Comparison of Excessive Balmer Line Broadening of Glow Discharge and Microwave Hydrogen Plasmas with Certain Catalysts," J. of Applied Physics, (2002), Vol. 92, No. 12, pp. 7008–7022. (Internet Publisation Date: Oct. 9, 2002.)								
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		36 Mills et al., "Emission Spectroscopic Land Hydrogen Formed by a Catalytic Helium-Hy (Internet Publication Date: Oct. 9, 2801.)	entification of F drogen Hesma	Fractional Rydberg States of Atomio a Reaction," Vacuum, submitted	:			
		35. Mills et al., "New Power Seurce from Fr Current Appl. Phys., submitted. (Internet Pu	ractional Rydbo oblication Date:	erg States of Atomic Hydrogen," : Oct. 9, 2001.)				
		34. Mills et al., "Spectroscopic Identification Atomic Hydrogen," J. of Quantitative Spectropublication Date: Oct. 9, 2001.)						
	33. Milks et al., "New Power Source from Fractional Quantum Energy Levels of Atomic Hydrogen that Surpasses Internal Combustion," J Mol. Stract., Vol. 643, No. 1-3, (2002), pp. 43–54. (Internet Publication Date: Oct. 10, 2001.)							
		32. Mills et al., "Spectroscopic Identification Atomic Hydrogen and the Hydride Ion Prod (2002), pp. 927–935. (Internet Publication Control Publication Control Publication Control Publication Control Publication Control	uct <b>Xo</b> nt. J. Hyd	Irogen Energy, Vol. 27, No. 9,				
		31. Mills et al., "Measurement of Energy Ba Plasmas Using Calvet Calorimetry, Int. J. I 978. (Internet Publication Date Sept. 14, 20	lydrogen Ener	le Gas-Hydrogen Discharge gy, Vol. 27, No. 9, (2002), pp. 967–				
		<b>————</b>		_X				
		30. Mills et al., "Measurement of Hydrogen Balances of Noble Gas-Hydrogen Discharg 6, (2002), pp_871-685. (Internet Publication	e Plasmas," In	t. J. Hydrogen Energy, Vol. 27, No.				
		29. Mills et al., "Vibrational Spectral Emissi Hydrogen Molecular Ion," Int. J. Hydrogen E (Internet Publication Date: July 19, 2001.)	on of Fractiona Energy, Vol. 27	al-Principal-Quantum-Energy-Level , No. 5, (2002), pp. 533–564.				
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	ATEMENT B			First Named Inventor	Mills	
				Group Art Unit	1745	
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	28. Mills et al., "Spectral Emission of Fractional Quantum Energy Levels of Atomic Hydrogen from a Helium-Hydrogen Plasma and the Implications for Dark Matter," Int. J. Hydrogen Energy (2002), Vol. 27, No. 3, pp. 391–322. (Internet Publication Date: Aug. 1, 2001.)							
	27. Mills, et al. "Spectroscopio identification of a Novel Catantic Reaction of Potassium and Atomic Hydrogen and the Hydride Ion Product", <i>International Journal of Hydrogen Energy</i> , Vol. 27, No. 2, (2002), op. 183-192. (Internet Publication Date: January 14, 2002)							
	26. Mills, "BlackLight Power Technology-A New Clean Hydrogen Energy Source with the Potential for Direct Conversion to Electricity," Proceedings of the National Hydrogen Association, 12 th Annual U.S. Hydrogen Meeting and Exposition, Hydrogen: The Common							
	25. Wills, et. al. "Minimum heat of formation of potassium iono hydride." International Journal of Hydrogen Energy, Vol 26, 2001, pp. 1199-1208. (Internet Publication Date: March 23, 2001)							
		24. Mills, et al. "Stereoscopic Identification and the hydride ion product." International pp.1041-1058. (Internet Publication Date:	Journal of Hyd	rogen Energy, Vol. 26. 2001.				
		23. Mills et al., "Optically Measured Fower Hydrogen, and Potassium, Rubidium, Cesil Vol. 27, No. 6, (8002), pp. 651–670. (Intern	um, or Strontiui	m Vapor," Int. J. Hydrogen Energy,				
		22. Mills, "The Grand Unified Theory of Cla Inc. Orbis Scientiae entitled The Role of Att Cosmic Acceleration of Particles The Origin	tractive and Re	pulsive Gravitational Forces in				
		21. Mills The Grand Unified Theory of Cla Energy, Vol. 27, No. 5, (2002), pp. 365–590	ssical Quantur	n Mechanics," Int. J. Hydrogen				
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		OTHER PRIOR ART — NON PATEN	IT LITERAT	FURE DOCUMENTS						
Examine r Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.								
	29 Mills et al., "Argon-Hydrogen-Strontium Discharge Light Source," IEEE Transactions on Plasma Science, Vol. 30, No. 2, (2002) pp. 639–653. (Internet Publication Date: Dec. 7, 2000.)									
	19. Mills et al., "Identification of Compounds Containing Novel Hydride Ions by Nuclear Magnetic Resonance Spectroscopy," Int. J. Hydrogen Energy, Vol. 26, No. 9, (2001), pp. 965–979. (Internet Publication Date: March 22, 2001.)									
	18. Mills, "BlackLight Power Technology-A New Clean Energy Source with the Potential for Direct Conversion to Electricity," Global Foundation International Conference on "Global Warming and Energy Policy," Dr. Behram N. Kursunoglu, Chairman, Fort Lauderdale, FL,									
	17. Mills, "The Nature of Free Electrons in Superfluid Helium—a Test of Quantum Mechanics and a Basis to Review its Foundations and Make a Comperison to Classical Theory," Int. J. Hydrogen Energy, Vol. 26, No. 10, (2004), pp. 1059–1096. (Internet Publication Date: Dec. 11.									
		16. Mills et al., "Excessively Bright Hydrogen Resonance of Strontium with Hydrogen," J. of (Internet Publication Date: Aug. 27, 2001.)	Strontium Pla Pasma Phy	asma Light Source Due to Energy sics, Vol. 69, (2003), pp. 131–156.						
		15. Mills et al., "Observation of Extreme Ultraviolet Hydrogen Emission from Incandescently Heated Hydrogen Gas with Certain Catalysts," Int. J. Hydrogen Energy, Vol. 28, (2000), pp. 919–943. (Internet Publication Date: June 27, 2000.)								
		14. R. Mills, "Observation of Extreme Ultraviole Produced by a Hollow Cathode Discharge," Int 579-592. (Internet Publication Date: July 10, 2	t. J. Hydroge	from Hydrogen-Ki Plasmas in Energy, Vol. 26, No. 6, (2001), pp.						
		13. Mills Temporal Behavior of hight-Emissio K2CO2-H-Cell," Int. J. Hydrogen Emergy, Vol. 2 Publication Date: July 10, 2000.)	on in the Visi 26, No. 4, (2	ble Spectral Range from a Ti- 001), pp. 327–332. (Internet						
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				Group Art Unit	1745	
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		OTHER PRIOR ART - NON	PATENT LITERAT	TURE DOCUMENTS	-			
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		R. Mills et al., "Formation of a Hydrogen Plasma from an Incandescently Heated Hydrogen Catalyst Gas Mixture with an Anomalous Afterglow Daration," Int. J. Hydrogen Energy, Vol. 26, No. 7, July, (2001), pp. 749–762. (Internet Publication Date: June 28, 2000.)						
		11. Mills et al., "Observation of Extreme Ultraviolet Hydrogen Emission from Incandescently Heated Hydrogen Gas with Strontium that Produced an Anomalous Optically Measured Power Balance," Int. J. Pydrogen Energy, Vol. 26, No. 4, (2001), pp. 309–326. (Internet Publication Date: June 27, 2000.)						
_		10. Mills et al., "Synthesis and Characterization of Potassium Iodo Hydride, Unt. J. of Hydrogen Energy, Vol. 25, Issue 12, December, (2000), pp. 1185–1203. (Internet Publication Date: Nov. 72, 2001.)						
	9. Mills "Novel inorganic hydride." International Journal of Hydrogen Energy, Vol 25, 2000, pp. 669-683. (Internet Publication Date: Jone 28, 2000)							
		8 Mills et al., "Synthesis and Characte Hydrogen Energy, Vol. 26, No. 4, (200 2001)	erization of Novel Hy 11), pp 339-367. (Int	rdride Compounds," Int. J. of ternet Publication Date: June 13				
		7. R. Mills, Highly Stable Novel Ingga Electrochemical Systems, Vol. 6, (200 2001.)	anic Hydrides," Journ 3), pp. 45-54. (Intern	al of New Materials for tet Rublication Date: Nov. 20,				
		6. R. Mills, "Novel Hydrogen Compoun Fusion Technology, Vol. 31, No. 2, Ma June 26, 2000.)	nds from a Potassium arch, (2000), pp. 157-	n Carbenate Electrolytic Cell," -182. (Internet Publication Date:				
	5. Mills, "The Hydrogen Atom Revisited," Int. J. of Hydrogen Energy, Vol. 25, Issue 12, December, (2000), pp. 1171–1183. Internet Publication Date: June 27, 2000.)							
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		4: Mills et al., "Fractional Quantum t No. 4, November, (1995), pp. 1697-	Energy Levels of Hydro -1719. (Internet Publica	gen," Fusion Technology, Vol. 20, ation Date: Nov. 1, 2001.)			
•		3: Mills et al., "Dihydrino Molecule Identification," Fusion Technology, Vol. 25, 193-119 (Jan. 1994). (Internet Publication Date: April 11, 2001.).					
/SK/		Mills Technologies. "1KW Heat Exchanger System." Thermacore, Inc., Oct 11 1991, pp. 1-6					
***************************************		Mills Technologies: "1KW Heat Exchanger System." Thermasore, Inc., April 17, 1992, pp. 1-6					
/SK/	:	Mills, "Classical Quantum Mechanics." Physica Scripta, submitted.  (no date)					
		Mills, "The Grand Unified Theory of Glassical Quantum Mechanics," (2001), Distributed by Amazon.Com.					
		Millo, et. al. "Excess Heat Production Sold Fusion." Fusion Technology, Vol 29, Feb 1991, pp. 65-81.					
		Mille, et. el. Fueien Technel. Vel.29, 65 (1991). Internet Publication Date 4/11/01					
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/SK/		Mills,. "Author's response 'A possible trick of Hydride atom'," International Journal of Hydrogen Energy, Vol 26, 2001, p. 1225. (no month)					
/SK/	/SK/ Mills, "BLACKLIGHT POWER TECHNOLOGY: A New Clean Energy Source with the Potential for Direct Conversion to Electricity," International Conference on Global Warming and Energy Policy, Ft. Lauderdale, Florida, November 26-28, 2000. Internet Publication 1/19/01.						
	Mills, "Hydro catalysis Power Technology," Statement of Dr. Randell L. Mills, May, 1993.						
/SK/		Mills, "The Grand Unified Theory of Classical Quantum Mechanics," pp. 1-9  (no date)					
		Mille, "Unification of Spacetime, the Feress, Matter, Energy, Hydro catalysis Power Corporation," 1992, pp. 53-84.					
-		Mills, "Author's response to 'Hydrino atom: Journal of Hydrogen Energy, Vol 26, 2001,		y or invalid physics'," International			
/SK/		Mills,"Author's response to 'Hydrino theory- a proposed amendment'," International Journal of Hydrogen Energy, Vol 26, 2001, pp. 1229-1231. (no month)					
/SK/		Mills."Power Spectrum of the Cosmic Microwave Background" BlackLight Power, Inc. 2001.  (no month)					
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